

Test Result of RF Exposure Evaluation for FCC Part 15 Subpart C 15. 407

- . Product: ProSafe Dual Band Wireless Access Point
- . Test Item: RF Exposure Evaluation Data
- . Test site: OATSI-SD
- . Test Mode: Transmit / Receive . Test Date: Oct. 25, 2005
- . Temperature: 25°C . Humidity: 68%

1. Antenna Gain

Antenna 1: The maximum Gain is 5.0 dBi.(Dipole antenna)

2. EUT Operation condition

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

3. Output Power into Antenna & RF Exposure Evaluation Distance

(1) Antenna 1, Frequency Range: 5.15~5.35 GHz

Modulation Standard: IEEE 802.11g (54 Mbps)

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Power Density (S) (mW/cm ²)
01	5180	13.99	0.0160
04	5240	13.11	0.0130
05	5260	13.81	0.0150
08	5320	13.85	0.0150

4. The MPE is calculated as $0.016 \text{ mW} / \text{cm}^2 < \text{limit } 1 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.